
FOLIO

The Senate

Chancellor Jean Forest opened the 28 March meeting of the Senate with the announcement that the meeting would be the last attended by Morris Flewwelling in his capacity as President of the Alumni Association. He has served as a private member of Senate for five years and as a representative of the Alumni Association for two years. Mr. Flewwelling will be stepping down as President of the Alumni Association at the end of this term.

Honorary Degrees

Senate announced the selection of candidates brought forward by the Honorary Degrees Committee. Honorary degrees will be presented, at Spring Convocation to: Dr. J. Ross Vant, former director of the Department of Obstetrics and Gynaecology, 4 June; the Honourable Frank Lynch-Staunton, Lieutenant-Governor of Alberta, 2 June; Dr. Edward T. Salmon, a prominent Roman historian, 4 June; Chancellor Emeritus Ronald Dalby, 3 June; Mr. Eric Geddes, past chairman of the Board of Governors, 3 June; Mr. Benjamin Babin, former principal of the Alexis Indian School, 5 June; and the Honourable John Decore, former Chief Judge of the District Court of Alberta, 5 June.

Out-of-Town Meetings

Senate elected to hold its first meeting of 1980-81 in Fort McMurray, 26 and 27 September. The decision to hold the meeting out-of-town was based on the success of last September's meeting in St. Paul. It is thought that a

growing, vibrant town such as Fort McMurray, as well as the University, would benefit greatly through increased contact. About two hundred University of Alberta graduates live and work at the town site. The September meeting will include a tour of the Syncrude operation.

Senate's fairly recent interest in out-of-town meetings stems from the desire to promote understanding between the University and the general public throughout the province.

Presentations

Representatives of the Students' Union reported, in considerable detail, on the activities and functions of the student organization. Many of the highlights of the report were illustrated by an imaginative slide show. Among the services and activities of the Students' Union are: the Arts and Crafts Store, the Art Gallery, HUB Box Office, the Coffee Shop, CJSR Radio, the Exam Registry, Freshman Orientation, Fridays restaurant and pub, Room At The Top, the games area, the Gateway student newspaper, the Housing Registry, SUB Records, Student Help, Studio Theatre, and a community day care centre. Most if not all Students' Union operations have met with considerable success. This is exemplified by SUB Records which is said to be one of the best music stores in Edmonton for both price and selection. Freshman Orientation Seminars are attended by sixty percent of the students on campus.

Senate members praised the students for the presentation and suggested that similar presentations

be included in the orientation agenda for new members of Senate. It was further suggested that presentations by the students be arranged for out-of-town events such as the September meeting at Fort McMurray. The presentations would be valuable in familiarizing the public with campus life.

A second report, by W.A.S. Smith and K. Chapman of Athabasca University, proved to be not only of interest to Senate members, but to a number of reporters and cameramen as well. Athabasca is largely a correspondence university, having an enrolment of about 5,000. The student population is sixty percent female, and fifty-one percent rural. The average age of thirty-five is ten to fifteen years greater than the average student age at a conventional university. The figures suggest that the University is successful in reaching people otherwise unable to continue their education.

Fund-raising and Student Recruitment

Senate split up into discussion groups to discuss possible involvement in fund-raising and student recruitment. Later, members reconvened to share ideas brought up in the smaller groups. Although ideas were wide ranging, there was a level of agreement on several issues. The consensus of opinion was that Senate should not become directly involved in fund-raising or student recruitment. Senate members could make valuable contributions by acting as resource persons and by filling an ambassadorial role within their

communities. It was suggested that direct solicitation of funds could undermine the credibility of Senate.

Although the University will probably continue to be funded primarily by government, an increase in private funding could result in greater autonomy. This could offset the government tendency to increase control while decreasing funds. The ever increasing Heritage Savings Trust Fund is acting as a discouraging factor for private funders who look to government for leadership.

The usefulness of recruiting more students as long as Faculty quotas exist, was questioned. At this time only four Faculties are not restricted by quotas. Student enrolment this year was down about 3,000 from the University's peak year in 1976-77.

Other Matters

Other items discussed by Senate were the Report from the Board of Governors regarding Recommendation Number Six of the Status of Women Task Force, and the Task Force on Second Language Instruction. During discussion of the Status of Women Report, President Horowitz stated that he knew of no complaints of discrimination backed by the names of involved parties, that have not been dealt with. He added that a costly review on discrimination was not necessarily going to achieve any useful purpose and that the money could be better spent by looking into possible forms of action to combat this problem.

During a previous and more in-depth discussion of the Status

of Women (16 November 1979) Chancellor Forest reminded the University community that the Vice-President (Finance and Administration) was prepared to act on any specific cases of discrimination reported to him.

Senate was in agreement with the proposed terms of reference and membership of the Task Force on Second Language Instruction. □

publications

Notices of all publications by staff and students of the University of Alberta should be sent to the Office of Community Relations, Publications Column, 423 Athabasca Hall.

Derwing, B.L. (Department of Linguistics) and Priestly, T.M.S. (Department of Slavic Languages): *Reading Rules for Russian: A Systematic Approach to Russian Spelling and*

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All inquiries and correspondence should be directed to:

Folio
Office of Community Relations
423 Athabasca Hall
University of Alberta
Edmonton, Alberta T6G 2E8
Telephone: (403) 432-2325
The Office of Community Relations produces Folio on a weekly basis for the staff and other interested persons.

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Pronunciation. Slavica Publishers, Inc. 1980.

Meehan, E.R. (Law): The Trying Problem of Criminal Attempt—Historical Perspectives. *University of British Columbia Law Review*, Volume 14, (1980): pp. 137-161.

Ng, P.K. and R.A. Locock. (Pharmacy and Pharmaceutical Sciences): Comparative Pharmacokinetics of Theophylline and Dyphylline following Intravenous Injections in Rabbits. *Research Communications in Chemical Pathology and Pharmacology* 26, No. 3 (1979): pp. 509-524.

— (Pharmacy and Pharmaceutical Sciences): Determining Aminoglycoside Dosage Regimens and Blood Levels Using a Programmable Calculator. *American Journal of Hospital Pharmacy* 37, No. 2 (1980): pp. 225-231.

Gunewald, G.L. and P.K. Ng (Pharmacy and Pharmaceutical Sciences): Introduction to Clinical Laboratory Measurements. *Canadian Conference on Continuing Education in Pharmacy*. Vol. II, No. 1 (1980): pp. 1-16.

Redda, K., L.A. Corleto and E.E. Knaus (Pharmacy and Pharmaceutical Sciences): Quarternization and sodium borohydride reduction of N-(4-pyridylcarbonylamino)-1,2,3,6-tetrahydropyridine. Synthesis of N-amino-1,2,3,6-tetrahydropyridines. *Canadian Journal of Chemistry* 57, No. 22 (1979): pp. 2981-2985.

Knaus, E.E., K. Avasthi, K. Redda and A. Benderly (Pharmacy and Pharmaceutical Sciences): Synthesis and reactions of 1-hydroxy-1-(pyridinyl)-2-propanes. *Canadian Journal of Chemistry* 58, No. 2 (1980): pp. 130-133.

Coutts, R.T., E.E. Hargesheimer and F.M. Pasutto (Pharmacy and Pharmaceutical Sciences): Gas chromatographic analysis of trace phenols by direct acetylation in aqueous solution. *Journal of Chromatography* 179, No. 2 (1979): pp. 291-299.

—, R. Dawe, G.R.

Jones and S.-F. Liu (Pharmacy and Pharmaceutical Sciences): Analysis of perfluoroacyl derivatives of ephedrine, pseudo-ephedrine and analogues by gas chromatography and mass spectrometry. I. Trifluoroacetyl derivatives. *Journal of Chromatography* 190, No. 1 (1980): pp. 53-65.

Laux, F.A. (Law): *The Planning Act (Alberta)*. Butterworth & Coronets." (1949).

Schouls, Peter A. (Philosophy): *The Imposition of Method, a Study of Descartes and Locke*. Oxford University Press: 1980.

Lesins, K.A. (Genetics), and I. Lesins: *Genus Medicago: A Taxogenetic Study*. Dr. W. Junk Publishers: The Hague, Holland, 1979.

Fisher, A.J. (Music): *Elegiac Variations For Cello and Orchestra*. Seesaw Music: New York City, 1980.

Letters

■ You and Energy Conservation

In this time of escalating energy costs, a major concern of the Department of Physical Plant, Energy Management Division, is to reduce energy waste while maintaining the proper design conditions for the occupied areas. The following quotation by Albert Thumann, renowned energy conservationist, summarizes our purpose:

"The total answer to energy conservation is not to decrease the quality of life by living in darkness, but rather to apply the available technology to increase the efficiency of our system."

Energy conservation however, is a street with two sides. We, at Physical Plant, cannot eliminate waste without your help. You, the user, can assist by turning out lights when space is not in use, and by promptly reporting maintenance and space environment problems for quick attention. Energy saving suggestions would be greatly appreciated and should be forwarded to Energy Management, Department of Physical Plant.

W. DeGagne,
Systems/Engineering Analyst
Operations and Energy Management Division
Department of Physical Plant

■ Prohibited use of Motor Vehicles in the Campus Area

For the safety and convenience of our large pedestrian population certain restrictions are in effect re the use of motor vehicles on Campus.

Operators of motor vehicles are warned that it is contrary to the University Parking and Traffic Regulations to operate a motor vehicle, including motorcycles and scooters, on paths, sidewalks, pedestrian or landscaped areas.

This has specific reference to the Quad area north of the Administration Building and offenders are liable to ticketing.

W.F.G. Perry, Director,
Campus Security and Traffic

Editor's note: This letter, circulated by Mr. Perry, was not submitted in response to statements contained in the *Folio* of 27 March 1980 but it is pertinent to the problems of vehicular traffic in the quadrangle to the north of the Administration Building. *Folio*, in addition, has received response on this topic, both written and verbal, especially in connection with University and other service vehicles driving along the sidewalks of the Quad. The Vice-President (Planning and Development) R.E. Phillips, has assured *Folio* that steps have been taken to reduce non-essential traffic in the Quad and that the appropriate University authorities are cooperating in this regard.

Call for Papers

The International Congress on Applied Systems Research and Cybernetics will be held in Acapulco, Mexico, from 12 to 15 December 1980. Alexander J. Matejko of the Department of Sociology is responsible for the session on "The Quality of Working Life."

Papers related to the system approach and its application to work will be welcomed. Please send two copies of abstracts and summaries, as soon as possible, to Professor Matejko. The Congress will deal with the question of what scientists, engineers, and people in other professions can do and how they can make use of systems concepts to help us all improve our quality of life.

What better place to start than Acapulco in December?

For more information, please write or telephone Professor Matejko, Department of Sociology, The University of Alberta, Edmonton, Alberta T6G 2H4. (Telephone: 435-0449.) □

Academic Elections

Two separate elections will be held shortly. One election will determine the two faculty members to serve on the Search Committee for a Vice-President (Research). The second election will determine the successor to Brian Evans as one of the two academic staff representatives on the Board of Governors. The other academic staff representative on the Board is R.J. Crawford, of the Department of Chemistry.

The same set of procedures, approved by GFC, will govern both elections. In accordance with these procedures, each Faculty has been requested to submit nominations, for both the Board vacancy and the two positions on the Search Committee for Vice-

President (Research), in number up to that provided for the Faculty in election of members to General Faculties Council.

In addition to the nominees submitted from the Faculties, for both elections, the name of any full-time member of the Faculty must be added to the list of nominees where the name is lodged with the Secretary by the appointed date and supported by the signature of five members of the full-time academic staff (teaching staff, APOs, FSOs, and Librarians).

Nominations should be submitted to M.M. McCaughan, Secretary to General Faculties Council, by 18 April 1980. □

coming events

Films

SUB Cinema

All showings in SUB Theatre at 7 and 9:30 p.m.

10 April. "Animal House" (1978).

16 April. "Hair" (1979).

17 April. "The Wanderers" (1979).

18 April. "The Last Waltz" (1977).

You Asked For It Series

12 and 13 April. 2 p.m. "Harold and Maude." (1971).

19 and 20 April. 2 p.m.

"Wait Until Dark" (1967).

Showing in the Centennial Library Theatre. Free admission.

Department of Germanic Languages

16 April. 7:30 p.m. "Der Aufrechte Gang" (1976). 17 Arts Building.

German Film Festival

15 April. 8 p.m. "Jane Bleibt Jane/Jane is Jane Forever" (1977).

22 April. 8 p.m. "Lisa—Aus dem Leben einer Unentbehrlichen/Lisa, Who Likes Te Believe She Has Become Indispensable" (1973). Showing in Centennial Library Theatre. Free admission.

The National Film Theatre

11 April. 7:30 and 9 p.m.

"Tagebuch Eines Liebenden/ Diary of a Man in Love" (1977).

16, 17, and 18 April. "Manhattan" (1979).

For information on the above please telephone the Citadel Theatre, 9828 101A Avenue, 426-4811, extension 69.

Exhibitions

SUB Art Gallery

Continuing. Photographs by Ron Beauchamp.

Continuing. Paintings by Alison J. Webster.

Johnson Gallery

Until 26 April. Watercolors by Murray MacDonald, Janet Tanaschuk and Edythe Markstad. 7711 85 Street.

University Special Collections

Continuing. "The Illustrated D.H. Lawrence." B37 Cameron Library.

Ring House Gallery

Until 18 April. "Reflections of India."

Continuing. "The Evolution of the Constructed Relief, 1913 to 1979." An historical survey of constructivist art from many parts of the world.

Alberta Culture

Continuing. "The Persons they Were: Alberta Women, 1905-1929." Feature Gallery #1 of the Provincial Museum.

Until 15 April. "Presence franco-albertaine" which reflects the history of the francophone community of Alberta. Foyer of the Provincial Archives.

Edmonton Public Library

Continuing. An exhibition of works

by Donna Brunner. Foyer Gallery of Centennial Library.

Continuing. Color photographs by G. Haagsma. Photography Gallery of Centennial Library.

Edmonton Art Club

Until 20 April. Annual Spring Art Exhibition in the Edmonton Art Gallery.

Radio and Television

Department of Radio and Television

Re-broadcast schedule for "The Legal Maze" at 7:30 p.m.:

14 April. "Women As Persons"

21 April. "Rape and Sexual Assault"

28 April. "Battered Wives and Sexual Harrassment"

5 May. "Wills—Part I"

12 May. "Wills—Part II"

19 May. "The Jury System"

26 May. "The Witness"

2 June. "The Legal Profession"

9 June. "Law of Copyright—Part I"

16 June. "Law of Copyright—Part II"

23 June. "Law for Travellers"

CKUA Radio (580AM/95FM).

CJSR Radio

Sundays. 1:30 p.m. "Campus Sports." 4 p.m. "Probe," a weekly news magazine. 5 p.m. "Tempo." A classical music program.

Mondays and Fridays. 5 p.m. "Around The Town." An entertainment guide for campus and Edmonton.

Thursdays. 9:10 p.m. "Rendezvous." A feature of interviews and profiles.

Sundays. 5 p.m. "Science Magazine." CJSR radio (1580AM/99.1 QC Cable FM and 90.9 Capital Cable FM).

Lectures and Seminars

Department of Business Administration and Commerce

10 April. 3 p.m. Alfred D. Chandler, Jr., Straus Professor of Business History at the Harvard Business School, will speak on

"The rise of large industrial enterprises in Britain and on the European Continent: some comparisons with American experience." 457 Central Academic Building.

Department of Computing Science

10 April. 4 p.m. A. Covington, C. Gray, R. Lake, and S. Sutphen will participate in "Support for 16-bit Microprocessors." 617 General Services Building.

Department of Plant Science and Forest Science

10 April. 2 p.m. H. Wright of Texas Tech University will discuss "Role of Fire on Rangelands." E345 Chemical-Mineral Engineering Building.

Travel Alberta

11 April. 12 noon. Venue Canada reception for members of International organizations. RSVP to Helen Greenwood, 426-4715. Banquet Room, Lister Hall.

Department of Theoretical Physics

14 April. 3:30 p.m. S. Brodsky of SLAC in California will talk about "Large Momentum Transfer Exclusive Processes in Quantum Chromodynamics." 631 Physics Building.

21 April. 3:30 p.m. A. Ramakrishnan of Matscience in Madras, India, will discuss "Approach to Stationarity in Stochastic Processes." Room to be announced.

23 April. 3:30 p.m. G. Karl of the University of Guelph will speak on "Quarks in Light Baryons." 340 Physics Building.

Edmonton Public Library Woodcroft Writers' Series

14 April. 7:30 p.m. J. Clark and M. Summers will discuss their works. Woodcroft Library, 13420 114 Avenue.

The Women's Canadian Club

15 April. 12:15 p.m. R.N. MacDonald of the Cross Cancer Institute will talk about "Cancer . . . A positive look at the disease." Macdonald Hotel. Telephone 469-7961 for information.

Department of Sociology

16 April. 12 noon. H. Krahn will be guest speaker. 5-15 Tory Building.

Department of Pediatrics

21 April. 4 p.m. Dr. J. Cherry of the UCLA School of Medicine will discuss "Measles and Pertussis in the Vaccine Era." 2-117 Clinical Sciences Building.

22 April. 9 a.m. Dr. Cherry will speak on "Contemporary Exanthems: the Rashes of Infectious Diseases." 2-115 Clinical Sciences Building.

Alberta Society of Professional Biologists

22 and 23 April. A symposium entitled "Environmental Management Strategies . . . Past, Present, and Future." Edmonton Plaza Hotel.

Theatre

Théâtre Français d'Edmonton

Until 13 April. 8 p.m. "La Pomme" (The Apple). Performances in the Citadel's Rice Theatre.

The Citadel Theatre

The Shoctor Theatre
Continuing. "Arms and the Man."

Studio Theatre

Until 13 April. "The Murder of Auguste Dupin." Performance in Studio Theatre Stage '80, Corbett Hall.

Zeidler Hall

14 to 26 April. "The Little Blue Hedgehog," "Monkey Business." Presented by Lampoon Puppet theatre.

Walterdale Theatre

15 to 27 April. 8 p.m. "Home."

Northern Light Theatre

16 to 27 April. 8 p.m. "Hancock's Last Half-Hour." Performances at the Arts Gallery Theatre.

Centennial Library Theatre

18 and 19 April. 8 p.m. "Laugh your head off." Tickets \$5. Available at Woodward's and the door.

Little Theatre of the Deaf

22 to 24 April. 7:30 p.m. Presentation by The Eugene O'Neill Centre of Waterford, Connecticut. Tickets available at all BASS outlets from 12 April.

Music

The Royal Canadian College of Organists

11 April. 8 p.m. British organist Martin Neary will be featured in recital. All Saints' Cathedral, 103 Street and 100 Avenue. Admission \$4.50 adults, \$3 for students and seniors.

12 April. M. Neary will conduct two workshops. Robertson-Wesley United Church. Admission \$5.

Department of Music

The following concerts and recitals will be given in Convocation Hall, Arts Building. There is no admission charge.

service
information

Information must reach the Editor by 9 a.m. on the Thursday prior to publication. Written notification is necessary. Notices should be sent to 423 Athabasca Hall.

Notices

Spring Fitness Courses

Fitness courses for all University staff have been arranged by the Department of Athletic Services. They will be offered in two five-week blocks, from 14 April to 16 May and from 20 May to 20 June. Each five-week period will consist of ten classes. People may register for ten or for twenty classes. The fee is standard for all courses: \$39.50 for twenty classes; \$25 for ten classes.

Mid-day Madness. Mondays and Wednesdays. 12:10-12:45 p.m.

Early Birds. Mondays and Thursdays. 6:45-7:30 a.m.

Happy Hoofers. Tuesdays and Thursdays. 12:10-12:45 p.m.

11 April. 8 p.m. Student Composers' Forum.

12 April. 4:30 p.m. D. Inglis, piano. 8 p.m. Double Reed Ensemble.

13 April. 3 p.m. "Music in Miniature Series" with E. Dalwood conductor. 8 p.m. An evening of chamber music.

14 April. 8 p.m. Paul Horne, cello.

15 April. 8 p.m. An evening of chamber music with performances by students of J. Scott-Hoyt.

16 April. 8 p.m. Chamber music by students of H. Brauss.

18 April. 5 p.m. Mitchell Howard, trumpet, and Elaine Stepa, horn.

18 April. 8 p.m. Joachim Segger, piano.

Richard Eaton Singers

18 April. 8 p.m. Spring concert with Larry Cook conducting. All Saints' Cathedral, 10035 103 Street. Admission charge.

Rush Hour Quickie. Tuesdays and Thursdays. 4:15-5 p.m.

Mixed Bag. Mondays and Fridays. 12:10-12:45 p.m.

Yoga. Mondays and Wednesdays. 12:10-12:50 p.m.

In addition to these courses, there will be three short clinics. A two-hour basic weight training clinic will take place on Wednesday, 16 April at 4:15 p.m. The fee will be \$9.50. A "Do It Yourself" two-hour clinic will be offered on Monday, 21 April, at 4:15 p.m.—also at a cost of \$9.50. Lastly, a "Swim for Fitness" clinic will be offered in two one-hour sessions: a lecture on Tuesday, 22 April, at 4:15 p.m. and, on the following night at the same time, a pool session.

Non-Academic Staff Holidays

Full-time employees shall be entitled to the following holidays with pay: New Year's Day, Good Friday, Victoria Day, 30 June 1980, Canada Day, Civic Holiday, Labor Day, Thanksgiving Day, Remembrance Day, Christmas Day, Boxing Day, Christmas Floater.

Tax and Copyright Law

The Periodical Writers' Association of Canada and the Journalism Department of Grant MacEwan College are sponsoring a seminar on Tax and Copyright Law. The seminar will run from 10 a.m. to 1:30 p.m. 12 April, in room P-8 Cromdale Campus. Featured at the seminar will be two guest speakers. Admission is \$5 at the door. For information telephone 451-0804 (afternoons).

Generalized Concavity in Optimization and Economics

This conference of the NATO Advanced Study Institute, to be held 4 to 15 August in Vancouver, is intended to bring together researchers from various disciplines to discuss one common topic. For information contact Professor S. Schaible, at the Faculty of Business Administration and Commerce, telephone 432-5027.

Research in Aging Seminar

The Alberta Council on Aging in cooperation with the Senior Citizens Bureau, Alberta Social Services and Community Health, will be hosting a one-day seminar presenting research in progress in Alberta in the broad field of aging. The seminar will be held on Friday, 20 June 1980, at the Kerby Centre in Calgary. Those involved in research on any aspect of the field of aging, both completed work and work in progress, are invited to present papers. Abstract forms are available from Dr. Sharon Abu-Laban (Department of Sociology). All abstracts will be subject to review procedures and are due no later than 1 May 1980.

University Singles Group

University Singles Group is having their monthly social on Friday, 18 April, and will be going out for Sunday brunch on Sunday, 20 April. If you are widowed, divorced, or single, this is an opportunity for you to enjoy social activities, conversation and music with others like yourself. Membership is \$5.00 for the year. For information call Audrey at 487-9195, or leave your name and telephone number at the Students' Affairs Office in Athabasca Hall.

Non-Credit Courses

Faculty of Extension

Collecting and Investing in Art
Date: 24 to 25 April. Fee: \$250.
Telephone: 432-3116.

Creative Dance

Date: 5 May. Duration: 10 Mondays and 10 Thursdays. Fee: \$50.
Telephone: 432-3034.

Awareness Through Movement

Date: 6 May. Duration: 10 Tuesdays and 10 Fridays. Fee: \$50. Telephone: 432-3034.

Management of Inflammatory

Bowel Disease

Date: 24 April. Fee: \$28.
Telephone: 432-5070.

Time Competency Workshop

Date: 6 and 7 May. Fee: \$215.
Telephone: 432-5066 or 432-5067.

Employee Relations and the Supervisor

Date: 8 and 9 May. Fee: \$125.
Telephone: 432-5066 or 432-5067.

Tax Planning for the Owner Managed Business

Date: 15 May. Fee: \$75.
Telephone: 432-5066 or 432-5067.

Win-Win Management—

Making Conflict Pay Off

Telephone: 432-5066 or 432-5067.

Research Grants

Granting Agencies:

Application Deadlines

This list of deadline dates for submissions to granting agencies for research funds, exchange programs, and travel grants is published every month in *Folio*. To allow sufficient time for processing, all applications should reach the Research Grants and Contracts Office at least ten days before the deadline date. Where other University resources are involved, the time requirement may be much longer than ten days and such applications should therefore be submitted well in advance. An extra copy of the application should be provided for the Research Grants and Contracts Office.

Further information may be obtained by consulting the *Calendar of Granting Agencies for Research Funds, Exchange Programs, and Travel Grants*, which is available in the offices of Deans, Directors of Institutes and Centres, and the Department Chairmen, or by telephoning the Research Grants and Contracts Office, 432-2002. Note: Although the *Calendar* is updated on a continuous basis, the following information is subject to change without notice. If staff members have advance information on forthcoming changes, the Research Grants and Contracts Office would appreciate being advised. Code: (R) Research Funds; (E) Exchange programs; (T) Travel grants.

Granting Agency	Deadline Date
Distilled Spirits Council of the United States, Inc. (DSC)	1 May
(R) Calendar Source 163	1 Aug.
	1 Nov.
	1 Feb.

Central Mortgage and Housing Corporation	Applications may be submitted any time.
(R) Calendar source 95	

Department of Industry, Trade and Commerce—Grains and Oilseeds Marketing Incentives Program	"
(R) Calendar source 140	

Department of Industry, Trade and Commerce—Agricultural and Food Products Market Development Assistance Program	"
(R) Calendar source 141	

Department of the Solicitor General	"
(R) Calendar source 160	

Donner Canadian Foundation	"
(R) Calendar source 165	

Medical Services Research Foundation of Alberta	"
(R) Calendar source 257	

National Aeronautics and Space Administration	"
(R) Calendar source 270	

Petroleum Research Fund, American Chemical Society	"
(R) Calendar source 345	

James Picker Foundation—Pilot Research Grants	"
(R) Calendar source 350	

Research Corporation of New York	"
(R) Calendar source 370	

Alexander von Humboldt Foundation	"
(R) Calendar source 435	

World Health Organization	"
(R) Calendar source 450	

Positions Vacant

Off-Campus

Systems Analyst

The Position: Is responsible for managing a project team relying on in-house or outside resources, working in a team environment. This is a Key Position within the systems development process. Day-to-day follow-up of projects, supervising the project team, co-ordinating and performing all phases of the systems development process will be expected.

The Candidate: You should possess a Technical diploma or University degree in Computing Science with a minimum of three years experience. Exposure to Project Management Techniques is essential, and the ability to use your own initiative to work with minimum supervision. Salary: \$1,785-\$2,173 per month (1979 scales) Competition No. AHC 14/80.

If you are interested in this position, please submit a detailed résumé including educational background, work experience, outlining major areas of current and previous positions, salary expectations and availability. All replies will be confidential. Please quote appropriate competition number when replying and direct your enquiries to: Supervisor, Employment Services, Alberta Housing Corporation, #205 - 10050 112 Street, Edmonton, Alberta. T5K 2J1

Closing date: Open competitions until suitable candidates are found.

Non-Academic Positions

To obtain further information on the following positions, please contact Personnel Services and Staff Relations, third floor, SUB, telephone 432-5201. Please do not contact the department directly. Positions available as of 2 April 1980.

Financial Records Clerk (\$830.15-\$991.42)—Office of the Comptroller	
Clerk Typist II (\$830.15-\$991.42)—Agriculture and Forestry	
Senior Clerk (\$893.47-\$1,069.05)—Parking Services; Dean of Engineering	
Clerk Typist III (\$922.13-\$1,109.66)—Administrative Services; Student Affairs	

Clerk Steno III (\$959.16-\$1,157.44)—Mineral Engineering; Botany; Ukrainian Studies	
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Clerk Steno III (part-time) (\$479.58-\$578.77)—Geology	
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Student Record Processing Clerk (\$959.16-\$1,157.44)—Education; Dean of Arts	
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Medical Steno (\$1,030.83-\$1,257.77)—Medicine; Psychiatry; Provincial Laboratory	
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Secretary (\$1,069.05-\$1,309.14)—Medicine; Medical Laboratory Science; Centre for Study of Mental Retardation	
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Departmental Secretary (\$1,205.22-\$1,484.74)—Romance Languages	
--	--

Departmental Secretary/Administrative Assistant (part trust) (\$1,205.22-\$1,690.17)—Medicine	
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Technical Assistant (\$991.41-\$1,205.22)—Devonian Botanic Garden	
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Storeman II (\$1,030.83-\$1,257.77)—Central Stores	
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Storeman II (7.5 hours/day) (\$1,017.25-\$1,241.50)—Printing Services	
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Civil Engineering Technician I (\$1,069.05-\$1,309.14)—Civil Engineering	
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Technician I (trust) (\$1,069.05-\$1,309.14)—Medicine	
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Technician I/II (\$1,069.05-\$1,484.74)—Physiology (trust); Chemistry	
---	--

Food Service Worker IV (\$1,109.66-\$1,365.29)—Housing and Food Services	
--	--

Control Center Operator I (\$1,109.66-\$1,365.29)—Physical Plant	
--	--

Assistant Buyer (\$1,157.44-\$1,423.81)—Purchasing	
--	--

Electronics Technician I/II (\$1,157.44-\$1,617.33)—Technical Services	
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Technician II (trust) (\$1,205.22-\$1,484.74)—Mineral Engineering	
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Farm Equipment Technician II (\$1,205.22-\$1,484.74)—Animal Science	
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Laboratory Technologist I (\$1,205.22-\$1,484.74)—Provincial Laboratory	
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Bacteriology Technologist I (trust, term) (\$1,205.22-\$1,484.74)—Medical Bacteriology	
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Technologist I (\$1,205.22-\$1,484.74)—Home Economics (two positions)	
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Technician II (trust) (\$1,205.22-\$1,484.74)—Mineral Engineering	
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Biochemistry Technologist I/II (trust) (\$1,205.22-\$1,690.17)—Cancer Research Unit	
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Draftsperson II (\$1,257.77-\$1,550.43)—Physical Plant	
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Computer Operator II (\$1,257.77-\$1,550.43)—Educational Research Services	
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Cooling Plant Operator I (\$1,309.14-\$1,617.33)—Physical Plant	
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Art Technician Demonstrator I (Cutter/Seamstress) (\$1,309.14-\$1,617.33)—Drama	
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Electronics Technician II (\$1,309.14-\$1,617.33)—Technical Services	
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Electronics Technician II/III (\$1,309.14-\$1,843.07)—Physics	
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Administrative Assistant (\$1,365.29-\$1,690.17)—Immunology; Recreation Administration	
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Biology Technologist II (\$1,365.29-\$1,690.17)—Genetics	
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Engineering Technologist III (\$1,484.74-\$1,843.07)—Physical Plant	
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Typographical Tradesman III (\$1,423.81-\$1,763.03)—Printing Services
 Electronics Technician III (\$1,484.74-\$1,843.07)—Physics
 Art Technician Demonstrator II (\$1,484.74-\$1,843.07)—Drama
 Typographical Tradesman IV/V (\$1,484.74-\$2,009.10)—Printing Services
 Programmer/Analyst II/III (\$1,484.74-\$2,195.45)—Administrative Systems (two positions); Physics; Printing Services
 Biochemistry Technologist III (trust) (\$1,550.43-\$1,924.31)—Medicine
 Administrative Manager (\$1,690.17-\$2,101.07)—Housing and Food Services
 Programmer/Analyst III (\$1,763.03-\$2,195.45)—Computing Services (two positions); Physical Plant
 Programmer/Analyst IV (\$2,296.97-\$2,877.49)—Computing Services

The following is a list of currently available positions in the University of Alberta Libraries. The bulletin board in the Cameron Library—Room 512 should be consulted for further information as to availability and position requirements.

Library Clerk II (\$830.15-\$991.42)—Acquisitions
 Library Clerk III (\$893.47-\$1,069.05)—Cataloguing; Periodical Reading Room
 Duplicating Operator II (\$893.47-\$1,069.05)—Library Support Services
 Library Assistant I (\$959.16-\$1,157.44)—Bibliographic Verification
 Programmer/Analyst III (\$1,763.03-\$2,195.45)—Systems
 Programmer/Analyst IV (\$2,101.07-\$2,629.04)—Systems

Advertisements

must reach the Editor by 3 p.m. on the Thursday prior to publication, which date also serves as the deadline for cancellation of advertisements. The cost of placing advertisements is 20 cents per word for the first week and 10 cents per word for subsequent weeks ordered before the next deadline. Advertisements must be paid for in advance, and are accepted at the discretion of the Editor. We regret that no advertisements can be taken over the telephone. For order forms or further information, telephone 432-2325.

Accommodations available

For rent—Furnished two bedroom house, walking distance to University, available 15 May - 30 June. 433-0789.
 For rent—August or September, one year lease. Furnished five bedroom home, Windsor Park. Large finished recreation room, large fenced yard with barbecue area. Double garage, walking distance University. 432-7745.
 For sale—By owner. Custom built spacious three bedroom bungalow. Two bathrooms. Fully developed basement, two garages. Ideal faculty home. Extras. Good mortgage. Phone 434-6098.
 For rent—Fully furnished three bedroom bungalow, 75% developed basement, 2½ baths, fireplace. Direct bus to University. 1 June - 31 December, 1980. 432-3268, 462-0509 home.
 For rent—Executive townhouse. Excellent westend location. Three bedrooms. Fridge, stove, dishwasher, dryer. Heated garage, automatic door. Fireplace. Phone 435-0250, weekends, evenings after 22 March.
 For rent—Attractive, completely furnished three bedroom house. Available 1 August 1980 - 1 August 1981. 464-2550 evenings.
 For rent—Three bedroom condominium available for May/June. \$370 monthly. Fridge, stove included. References. 436-8167.
 For exchange—Victoria. Three bedroom home for your home in Edmonton in July. Large lot near University of Victoria. Cogger, 3686 Ophir Street, Victoria. V8P 4E2.
 To sublet—1 May - 1 September, three bedroom apartment, Riverbend. Fully furnished. Rent \$400 monthly. Call 436-6436 evenings, 432-8979 days. (Ask for Allison).
 For sale—By owner. 36 Ave. 114 St. Open beam, three bedroom, three bathrooms, front drive garage, finished basement with two bedrooms. Clear title. Mortgage with interest below market, available from owner. 436-4087.
 For (summer) rent—July and August. Two bedroom row house, Michener Park. Warm and lovely, furnished. \$250. 436-9357.
 For rent—Valleyview. Late May 1980 - August 1981. Furnished three bedroom house. No pets. Non-smoking family preferred. 432-4584, 484-7575.
 For sale—Walk to University. Over 2,000 square feet of spacious living in this 3 bedroom home. Unique in design, central vacuum, carpeted throughout plus many extras. Vendor would consider land in trade. Priced at only \$136,900. For your exclusive viewing call Carol Harley, 437-3908 res., 436-5080 A.E. Le Page Melton Real Estate Ltd.
 For sale—Professor's dream. Walk to University from this solid, comfortable home in Belgravia. Tall trees, smooth lawns mark this an area of quiet tranquility. Relax in comfort and warmth of an open wood fireplace. Convert one of the four bedrooms to a comfortable den. Asking \$110,900. Excellent terms available or trade your present home. For details call Earl Scoville, 436-4488 res. 436-5080 A.E. Le Page Melton Real Estate Ltd.
 For rent—Near University. Furnished three room suite. Major appliances. Private entrance. Utilities included. \$275. Available 1 May. 434-0569.
 For rent—Four bedroom furnished house, in Grandview, for one year from 1 June. Phone 434-1259.
 For rent—Furnished three bedroom bungalow with family room, office and full bath in developed basement. 1 July 1980 - 30 June, 1981. One year lease. One block from elementary

schools. One half block from bus direct to University. Petrolia area. References, deposit required. Phone 432-5777 or 435-3195.

For rent—Oxford, England. Furnished three bedroom house. Approximately 10 July to 10 September. 432-3467 or 436-0803.

For rent—Rio Terrace. Furnished home with three bedrooms. Family room. May, June, July, August or September, 1980 to 31 August 1981. 432-3467 or 436-0803.

For sale—Westbrook Drive. Beautifully landscaped view property. Four bedroom brick home backing onto Derrick Golf Course. Triple car garage, 20x40 foot swimming pool. Financing available at 13% to qualified purchaser. Priced at \$267,000. Viewing by appointment. Faye Lund 436-4240, 487-2422 Block Bros. Realty.

For rent—Furnished, three bedroom, semi-bungalow, two miles south of University. Finished basement. Available for one year from 15 August or 1 September 1980. \$550. 437-6538.
 Summer sublet—Furnished one bedroom apartment. \$305. monthly. 10609 80 Avenue. 439-1549.
 For sale—Invest renting dollars now. Appealing, two bedroom, condominium unit, listed at \$48,500. Assumable mortgage of \$32,000 at 10.75%. Total monthly payments including mortgage, taxes and condominium fee of \$389. Super opportunity. View today. Phone Joy Murray, Block Bros. Realty Ltd. 436-4240, 437-1612.

For sale—By owner. Two storey older home in Groat Estates. Fireplace and formal dining room. Drive to University in ten minutes via Groat Road. 10¾% mortgage. Call 455-0873.
 For rent—Unfurnished, large bachelor suite in highrise near University Hospital, all utilities included. For appointment phone 433-1676.
 For rent—One half duplex, four bedrooms, 1½ bathrooms, garage. \$560 monthly. Oliver, close to Legislature. For appointment phone Mr. Andrews 433-1676.

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Accommodations wanted

Visiting faculty, English Department, single woman, responsible, would like to sublet furnished apartment or house near the University from 1 September to 31 May, 1980-1981. Write Phyllis Webb, Box 11, Fulford, B.C. V0S 1C0.

Dutch publisher, wife, two boys (3 and 7) wish to rent fully furnished house or apartment near University. 15 to 30 August. Dr. P.S.H. Bolman, 764 Warren Street, Westfield, N.J., USA 07090.

Automobiles and others

Wanted older Datsun 510 or other Japanese car, working or not. 477-2908.
 1974 Spitfire, 43,000 miles, excellent condition, has mag wheels, Pirelli radials, baggage/ski rack, AM/FM cassette. Minimal of winter driving. Call 469-7855 evenings.
 1973 Alfa Romeo Berlina. Four door.

75,000 miles, one owner. Good condition. 482-6718.

1979 Ford Vantastic, Super Van, E150, 8cyl., grey/blue, radials, automatic, ps, pb, air, cruise, pulse wipers, two gas tanks, three sunroofs, five long tinted windows, sofa bed, table, fridge, sink, professionally customized in corduroy, carpeted, four swivel captain's chairs, power locks, light controls, AM/FM stereo, front and rear speakers, small bar unit, shelving, back storage unit. Asking \$18,000 or best offer. Phone 456-1018.

1975 Terry, 30' self contained, RV. Separate bedroom. Excellent condition. \$8,000. 988-5127.

1972 Volvo Stationwagon 455, 80,000 miles. Clean, well maintained. Standard transmission, dark blue, no rust. \$2,100 or best offer. Phone Alan at 452-8980 or 437-7069 after 5 p.m.

Goods for sale

For sale—Italian Provincial chesterfield and chair, blue-green brocade. Excellent condition. \$500. 487-6206.

Pentax binoculars, 7x50, coated optics. Good condition. Offers. 432-3606 ask for Dennis.

Large, double pedestal, wooden desk. Newly refinished. \$190. 437-7366.

¾ violin for sale, \$200. 436-6652 after 5 p.m.

Services

Edmonton Yoseikan Karate Club: Call Sport Alberta 458-0440.

Professional typing. 464-4887. Experienced typist available. 462-3934. Top quality typing, 455-6398.

Expert typing—theses, etc. 455-0641.

Country Style Mandarin Food—Happy Garden Restaurant. 6525 111 Street. 435-7622. Business hours: Tuesday,

Wednesday, Thursday 4-11 p.m. Friday, Saturday 4 p.m. - 12 a.m. Sunday 4 - 10 p.m.

Drafting Services—Specializing in technical drafting (graphs, charts, diagrams, etc.) for publications, reports, lectures, papers and presentations. Call 436-3796 Protech Consulting Ltd. after 6 p.m.

Typing done at home, 15 years experience. 475-0096.

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Yetik Enterprises

Alterations, renovations, additions, interior finishing, interior design. Steve Tominuk 929-8549.

Experienced typist, southside. 435-0404. Custom tailoring and alterations.

Serving University area and westend. 487-3053.

Painting—University students, five years experience. For estimates phone 436-7510.

Complete renovations. Free design and estimates. 468-5203, 467-5078 (residence) Cartier Developments.

Summer employment—Baby sitter wanted come-in, four days weekly, 1 May to 31 August. Southgate area. ECS studies an asset. Phone 435-6444 evenings, 437-1736 days.

Looking for the security a second

income, can provide? We can help you set up a high income, part-time business of your own. Phone 468-1362 6 p.m. - 8 p.m. for appointment.

Spanish For Travelling—Five week courses. Starts end of April. Mini-groups. Professor Alonso 439-9125. Nixon Construction Services. 437-7104. Yoga for better health: Keep fit yoga group offers classes Wednesday 6:30 p.m. at University. Six weeks. Starts 23 April. Fee \$20. University full-time students \$20. Part-time students and employees \$15. Registration: Room 9,

floor 14, Tory Building 9 April, 8:30 p.m., 23 April 5 p.m. Donnic Typing Services Ltd. Specializing in word processing. 301A Whyte Avenue Bldg. 10454 Whyte Avenue. 432-1419.

Kozak Business Services—Typing of theses, résumés, reports, manuscripts, proposals and correspondence. Student discounts available. 423-3068, 483-6075.

Child care—sought for four month old child. Weekday mornings only. Beginning 1 May. University vicinity. Contact Anne 432-1491.

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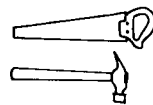
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A lunch program is provided and transportation can be arranged through the Edmonton Public School Board.

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call the school at 435-4163.*

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Other specifications: half-tones (100-line screen or less) are acceptable; no colour or bleeds. Camera-ready copy is necessary; there is a charge of 20c per word for type-setting, and \$5 for adjustment of design work. Deadline for submission is one week prior to publication (Thursday, 3 p.m.). Acceptance of advertisements and positioning are at the discretion of the editor.

These rates are effective from 15 May 1979. For more information please telephone 432-2325 and ask about *Folio* display advertising, or write to:

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